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DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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November 25, 1992

Mr. Dean Willden
Perpetual Storage Incorporated
6279 E. Little Cottonwood Canyon Road
Sandy, Utah 84092

Dear Mr. Willden:

Re: Notice of Intention, Perpetual Storage Inc.(PSI), Wasatch No. 7 Mine, S/035/013,
Salt Lake County, Utah

The Division has completed a review of the additional information you provided regarding the Wasatch No. 7 site and the proposed expansion. From a review of the maps, it appears that the total surface disturbance will be approximately 2.7 acres. This figure includes the existing and proposed access roads, the existing and expanded granite rubble pile, and the existing and proposed surface facilities. Since this area is less than five acres the Division will not require a reclamation surety.

Other matters which were to be resolved for this site address variances and the unique situation of planning for ultimate reclamation of a "perpetual" facility. Please refer to the following comments regarding these variances and note that they are granted only for the areas as described below.

PSI will not be required to salvage, stockpile or reapply topsoil to the office and receiving area of the proposed expansion (Variance from items 10 & 11). PSI will be required to salvage and stockpile any topsoil, existing or generated, from the upgrading of the jeep trail area. This topsoil will be stockpiled for use in final reclamation of the new access road.

PSI will not be required to salvage, stockpile or reapply topsoil in the area to be impacted by the expanded granite rubble pile. PSI will not be required to meet the 70% of premining vegetative cover requirements for the existing and expanded granite rubble piles. The Division encourages PSI to salvage and place any fines generated during the expansion on the rubble piles. This will help provide a source of substitute topsoil material. These areas must be reseeded once the expansion is complete. The existing rubble pile shows signs

Page 2
Mr. Dean Willden
S/035/013
November 25, 1992

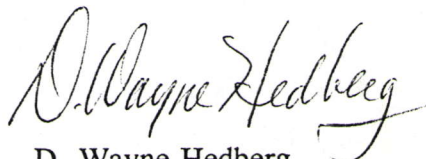
of natural revegetation success in areas where fines are present. Native tree and shrub seedlings are also showing some reestablishment success on the waste dump outcrops. We encourage PSI to utilize native seedlings as part of the revegetation plan.

PSI will not be required to regrade the granite rubble piles to an angle less than 45 degrees since the underlying and adjacent natural terrain is steeper than 45 degrees (Variance from item 11). PSI will be required to seed the entire disturbed area at the time of final reclamation. Contemporaneous reclamation/revegetation of the rubblized waste rock outcrops is encouraged. The Division has attached a recommended seed mix for this site.

At the time of final reclamation, PSI will be required to permanently close the portals and reclaim the facility area according to the Reclamation Practices described in the Small Mining Notice of Intention. PSI may propose a post mining use for these facilities which will then be considered by the Division. If this post mine use is determined reasonable, PSI will not be required to reclaim the facilities described in the proposal.

Please accept our apology for the long delay in providing you with a response. We hope this delay has not caused you any hardship. If you have any questions with regard to the contents of this letter, please contact me or Tony Gallegos of the Minerals Staff. Thank you for your cooperation in the completion of this permitting action.

Sincerely,



D. Wayne Hedberg
Permit Supervisor
Minerals Regulatory Program

jb
cc: Lowell Braxton
S035013

Recommended Species List
for
Perpetual Storage Incorporated
Perpetual Storage Mine

S/035/013

Prepared by DOGM November 24, 1992

<u>Common Name</u>	<u>Species Name</u>	<u>*Rate lbs/ac (PLS)</u>
Grasses		
Tall wheatgrass	Agropyron elongatum	2
Thickspike wheatgrass	Agropyron dasystachyum	2
Tall fescue	Festuca arundinacea	2
Russian wildrye	Elymus junceus	2
Orchardgrass	Dactylis glomerata	2
Forbs		
Yellow sweetclover	Melilotus officinalis	1
Alfalfa	Medicago sativa	1
Palmer penstemon	Penstemon palmeri	1
Shrubs		
Mountain Mahogany	Cercocarpus ledifolius	2
Bitterbrush	Purshia tridentata	2
Cliffrose	Cowania mexicana	2
Total		19 lbs/ac

***This the recommended broadcast ratio. If the species are to be drill seeded, reduce the broadcast rate by 1/3.**

S/035/013

10/30/92

AREAS MEASURED OFF PROPOSED SITE PLAN
RECEIVED BY DOGM 6-17-92 AT 1"=20'

- SURFACE EXPRESSION OF FACILITIES [BORDER AREA]
(PARKING, HOT SITE, NEW FACILITIES, TRUCK RECEIVING, TRANSFORMER
& EXISTING RECEIVING) \Rightarrow 0.63 ACRE

- EXISTING EDGE OF GRANITE RUBBLE \Rightarrow 0.20 ACRE

- ANTICIPATED EDGE OF EXCAVATED GRANITE
(INCLUDES SMALLER EXISTING RUBBLE) \Rightarrow 0.56 ACRE

- EXISTING ACCESS ROAD (ASPHALT):
~17 FT WIDE X 1,220 FT \Rightarrow 0.48 ACRE

AS MEASURED OFF MAP RECEIVED 5-11-92
AT 1"=100' SCALE

- PROPOSED ACCESS ROAD
~14 FT WIDE X ~2,640 FT \Rightarrow 0.85 ACRE
MEASURED OFF 5-11-92 MAP

TOTAL = 2.72 ACRE

THE TOTAL SURFACE DISTURBANCE IS ESTIMATED
TO BE LESS THAN 5 ACRES \therefore NO BOND IS REQUIRED

adg